

PATENT ABSTRACTS OF JAPAN

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(54) FLASE MOVING BED DEVICE

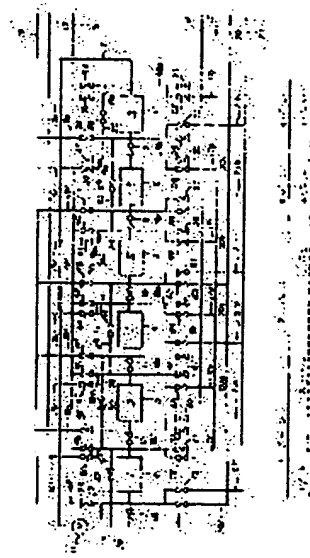
(57)Abstract:

PURPOSE: To reduce the cost of equipment, to simplify the operation, and to obtain the high-concn. separated liquid of each component by separating each component with one operation from the raw liquid containing three components by the use of a false moving bed device.

CONSTITUTION: In the towers 1W6, the towers of 2, 4, 6 are respectively packed with a 1st packing material I whose distribution coefficients satisfy the inequality: A-component coefft. < B-component coefft. < C-component coefft., and the towers 1, 3, 5 are respectively packed with a 2nd packing material II whose distribution coefficients satisfy the inequality: A-component coefft. <

C- component coefft. < B-component coefft. Cut-off valves 8W13 are provided to a piping 7 connecting each

tower 1W6 in series in an endless connection and a circulation pump 14 is installed in the piping 7. Moreover, a raw liquid pipe 15, a development liquid influent pipe 16, 1st and 2nd elution liquid influent pipes 17, 18, raffinate effluent pipe 19, 1st and 2nd extract effluent pipes 20, 21, cut-off valves 28W33 and valves 34W75 are provided.



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